

ABSTRACT OF THE INVENTION

Methods and apparatus are provided for displaying data categories each having a plurality of data subcategories. The apparatus comprises a display having a current luminous output capacity that is configured to produce a first visual presentation of first data subcategories and a second visual presentation of second data subcategories and a processor that is configured to control the display. The first data subcategories include one category displayed at ninety percent of the current luminous output capacity and other subcategories having a luminance difference of at least thirty percent of the current luminous output capacity. Second data subcategories have a common luminance that is thirty percent to sixty percent of the luminous output capacity of said display, a color saturation that is greater than seventy-five percent, and a transparency of at least forty percent.